BRUHATH BANGALORE MAHANAGARA PALIKE,

EXCECUTIVE ENGINEER, PROJECT DIVISION

NEGOTIATED SCHEDULE B

Name of the work: Construction of Dialysis centre at Mallasandra in ward No:13

Name of Contractor :- Sri.K.R.Govindaraju

SLNo	Item Name	Unit	Quantity	Negotiated Rate
1	KSRRB 2005 Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of thorney jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete	Sqm	625.00	6.50
2	KSRB 2-1.2 Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications.	cum	2187.50	150.00
3	KSRB 2-2.2 Earthwork excavation for foundation of buildings, water cum supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 mafter breaking of clods complete as per specifications.	cum	286.94	480.00
4	KSRB 2-2.5 Excavation by manual means for foundation of buildings, water supply & sanitary lines and electrical conduits etc., either in pits or in trenches 1.50m and above in width, in soft rock not exceeding 1.50mtrs in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50mt including cost of explosives, labour, HOM of equipment complete as per specifications.	cum	286.94	200.00
5	KSRB 2.14-1 Extra for additional lift of 1.5m or part thereof for excavation In loose soft or hard rock including cost of materials, labour complete as per specifications.	Sqm	167.04	16.00
6	KSRB-8.2 Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier underand around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications (Plinth area of the building at ground floor only shall be measured)	cum	167.04	100.00
-	KSRB 4-1.2 Providing and laying in position plain cement concrete of cum mix 1:5:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials, labour HOM of machinery, curing complete as per specifications	Cum	70.51	6000.00

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8	KSRB 5.5-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications	Cum	77.11	9250.00
9	KSRB 4.2.1 Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excludingcost of reinforcement as per specifications	Cum	25.14	8000.00
10	KSRB 4.2.1 Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excludingcost of reinforcement as per specifications Specification No. KBS Specification No. KBS 4.1.4 64.1.4.6	cum	85.89	8000.00
11	KSRB 2.3 Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m and lift upto 1.5 m including cost of all labour complete as per specifications Specification No. KBS 2.9	cum	143.47	100.00
12	KSRB 2.5 Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications.	cum	287.26	300.00
13	KSRB 4.2.7 Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm cum and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, Unties, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fiHets Etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	Sqm	166.26	8250.00
14	KSRB 4.2.10 Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.0517.5cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chaja of 7.5 cms average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications	cum	30.06	650.00

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15	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded cum granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, plinth and cills, nciuding cost of all materials, labour, HOM of machinery, curing complete as per specifications	Sqm	6.10	7000.00
16	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2	Sqm	158.00	300.00
17	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, Sqm. propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.	Sqm	307.53	475.00
18	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons up to 3.50m from Ground level	Sqm	608.06	450.00
19	KSRB 4-6.9 Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications.	Sqm	52.36	700.00
20	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, Sqm propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.	Sqm	590.05	425.00
21	KSRB 4-6.10 Providing and removing centering, shuttering, strutting, Sqm propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications.	Sqm	47.91	425.00
22	KSRB 4-6.11 Providing and removing centering, shuttering, strutting, gqm propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton.	Sqm	37.00	425.00
23	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT bars Fe 500	cum	35.78	85000.00
24	KSRB 6-2.3 : Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of classdesignation S.ONewton per sqmm (table moulded) with cement mortar1:6 for basement and superstructu/re including cost of materials, labourcharges, scaffolding, curing complete as per specifications	cum	165.83	7500.00
25	KSRB 9-4-1 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.	Sqm	1.41	122000.00

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26	KSRB 9-13-1 Providing and fixing in position shutters for doors made out of Honne wood styles and rails of 40mm thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 18mm thick of exterior grade Melamine impregnated prelamination particle board of approved colour on both sides including cost of materials, labour, HOM of machineries complete as per specifications (excluding cost of fixtures)	Sqm	43.47	4500.00
27	KSRB 7.10 Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm thick weight 0.659 kg/m, and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg /m, shutter outer side 40mmx18mm, 1.25mm thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc., and providing and fixing 5.5mm thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raui plugs, or teak wood gatties including cutting masonry or concrete and making good the originai surface using cement mortar, aluminium sections pretreated for removal of any Specification No KBS using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality	Sqm	49.50	4200.00
28	KSRB 7.8 Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.26kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452-1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. AH the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM of machinery complete as per specifications	Kgs	4.32	3375.00
29	KSRB 7.9 Providing and fixing M.S grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications Specification No KBS 7.12	Sqm	1130.22	110.00

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30	KSRB 15-3.10 Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification.	Sqm	896.81	320.00
31	KSRB15-3.7 Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification	Sqm	1321.58	320.00
32	KSRB 15-3-13 Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification	Sqm	556.38	320.00
33	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specificationsusing silver grey granite / Multy Red / Ruby Red I Black / Hassan Green Granite of width not less than 1200mm	Sqm	631.90	3500.00
34	KSRB 14-17.2 Providing skirting, dadoing, rises of steps with colour glazed tiles 15x15cmc 6mm on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications Specification No KBS 14.16,14.17	cum	273.38	1350.00
35	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification	Sqm	257.48	200.00
36	Providing INTEGRAL CRYSTALINE Waterproofing treatment to thesunken portion of Toilets Using Crystalline Slurry of approved make @ 1.4kg per SQM in two coats (0.7 kg per sqm per coat) conforming to ASTM C 1202 & DINV 18998 standards	Sqm	19.50	500.00
37	Extra for water proofing the inside surface of tanks (OHT & UGT) - applying of modified polymers soft acrylic esters coat @ 0.40kg/sqm in 2 coats including all labour charges tools and equipment's, all complete as per the specification	M	33.00	800.00
38	KSRB 15.8.1 Providing and fixing plaster mesh 150mm wide manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications, length of mesh only be measured for payment)	Each	584.44	47.00
39	0179 Handles to full width 2m long	Each	22.00	1350.00
40	0188 Hinges 5" heavy duty	Each	109.00	48.00
41	0427 Tower bolt 300 mm long	Each	80.00	160.00
42	Providing Screws	Each	560.00	4.00
43	0220 Locking arrangements	Sqm	15.00	870.00

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44	Providing and fixing M S Hand railing for Balcony/Staircase etc , with 50mm dia M S hollow pipe of 14 gauge, welded to 20mmx20mm M S square rod placed vertically, spaced at 100mm at regular intervalsof 600mm These vertical rods laterally tied to 3 horizontal rods spaced at equal interval These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface All the joints and sections hould be cut to length, weided and grinded wherever necessary etc , complete The work includes cost of ail materials, labour charges foi all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc , complete as per specification and drawing	Sqm	5 60	3500 00
45	KSRB15-7 Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications	Sqm	1877.96	1 00
46	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc , complete as per the specification Area to be considered - (a) 100% for fresh surface (b) Upto 10 % for repainting	Sqm	1877 96	65 00
47	KSRB 15-15 1 Providing and applying painting with primer in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications	Sqm	1877.96	110 00
48	KSRB 15-15 2 Extra over Item 15-15 1 for painting two coats with plastic emulsion paint of approved brand and shade on ceiling and / or sloping roof as per specifications	Sqm	1877 96	4 10
49	Proviiding textured paint of approved quality, colour and shade to wall surface after cleaning and rubbing the wall surface with wire brush of medium size emery stone to remove all the loosely adhering particles, the surface is then cleaned with water and ensured that it is in line and level The textured material is then mixed with 40-50% of clean water until a homogeneous thick slurry is formed, the slurry is left for 5-10 min, to react completely with ingredients The textured finish prepared as above is then applied to the wall surface with suitable roller/spray gun/putty/ blade/ trowel to get the desired finish The finished surface shall be applied with two coats of exterior paint of approved shade The rate includes providing and removing scaffolding, all lead and lift and all other incidental charges	Sqm	896.81	325.00
50	KSRB 15-17 5 Applying priming coat over new wood surface and / or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specifications	Sqm	117.74	45 00
51	KSRB 15-17 6 Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials,labour, complete as per specifications	Sqm	144 24	85 00
52	KSRB 15-17 8 Extra over Item No 15-17 6 for applying every subsequent coat of enamel paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, sand papering includingcost of materials, labour, complete as per specifications	Sqm	144 24	55 00

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53	KSRB 15-18 1 Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications	Sqm	93.34	35.00
54	KSRB 15-18 2 Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications	Sqm	93.34	90.00
55	For roof Slab & TerracesProviding & applying water proofing to roof slab, terraces, landscape area, podium etc, using modified polyurethane cures (conforming to ASTM C836-84) to give a tough elastomeric waterproof membrane on the surface. The surface shall be cleaned free from dust and other particle before usage. Standards & Methodology: This compound has a medium viscosity grade with 620% of elongation and shall be done either by roller application / brush application/ spray. This will be applied for a thickness of 1.3mm first layer 0.5mm & 2nd layer 0.8mm. After applying the 2nd layer sand sprinkle shall be doneto provide mechanical key.	Sqm	330.50	820.00
56	KSRB 0.5-3 1 Providing lime surkhi mortar of mix 1:3 (1 lime putty : 3 surkhi) including cost of all materials, labour charges, HOM of machinery complete as per specifications. Specification No. KBS	cum	33.05	3000.00
57	KSRB 11-4 . Providing and fixing white vitreous china clay, water pan closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labourcomplete as per specifications. Specification No. KBS 11	pan	6.00	3000.00
58	KSRB 11-5 . Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C P brass hinges, rubber buffers 10 litre low level, P V C flushing cistern (all are approved make) with fittings, C I / M S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Each	4.00	5500.00
59	SRB 11-11 2 Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a single 15mm C P brass pillar tap with C I I M S brackets, 32 mm C P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Unit	10.00	4000.00
60	0114 Copper plated brass piller tap	Each	25.00	800.00
61	KSRB 11-9 1 Providing and fixing white vitreous china clay, flat back or half stall urinal basin of size 580x380x350mm with 5 litres P V C automatic flushing cistern, C I / M S brackets, standard flush pipe and C P. brass spreaders with brass unions and G I clamps C I dtrap with outlet grating and other couplings in C P brass, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications (I. No 12.15, P.No 79, SR 2016-17)	Unit	6.00	4600.00

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62	KSRB 12-8 1 Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 30 in cement mortar 1 5, C I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R C C, top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1 3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications Specification No KBS	Nos	5.00	7000.00
63	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete (Concealed work including cutting chases and good the wallsetc)20 MM Pipe	M	140.00	275.00
64	25 MM Pipe	M	140.00	330.00
65	32 MM Pipe	M	140.00	330.00
66	KSRB 8 6-7 Providing and fixing on wall surface 4.0 kg I sq.cm H.D.P.E. tt) rain down water pipes 110 mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications	M	56.00	375.00
67	Providing and fixing unplasticised PVC with 110mm outer dia pipes 10.00 kg/sq cm working pressure chemp plast I Wavin or equivalent make with pipe fittings, clips, making good the floor, including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications	M	100.00	415.00
68	KSRB 18-11 1 Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 1996 with manhole lid and suitable locking\ arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per spedfications (For 1000 litre capacity) Specification No KBS 18.22	Nos	2.00	10000.00
69	Submersible Single Phase 1 0HP/75KW Stage 15	Nos	1.00	15000.00
70	KSRB 11-15 3 Providing and fixing 458x857mm dia rectangular Unit shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications	Unit	8.00	1300.00
71	KSRB 11-16 Providing and fixing 600x120mm glass shelf supported on aluminium angle frame with C P brass brackets, guard rail fixed to wooden cleats with C P brass screws and washers including cost of materials, labour complete as per specifications	Unit	4.00	1300.00
72	KSRB 11-18-10 1 Providing and fixing sand cast iron soil waste double unequal junction of required degree 100x100x75x75mm, including cost of materials, labour, testing complete as per specifications KBS 11-1 10	Each	4.00	1200.00
73	Providing and fixing Cl Nahani trap of 12.5cms X 7.5cms approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot)	Each	20.00	300.00

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74	kSRB13-6 4-1 Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications	Each	8.00	425.00
75	kSRB18-7 2-1 Providing and fixing in position 25mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications Specification No kBS 18.2 10/18.18	Nos	3.00	500.00
76	Providing and fixing gun metal wheel valve 20mm dia conforming to IS specification of approved make as per directions including all lead and lift etc	Each	5.00	400.00
77	Providing gun metal pillar cocks 15mm dia of I class conforming to ISI specifications and fixing them in position as per directions including of cost of materials and fixtures and conveyance to spot	Each	10.00	350.00
78	Providing NP/CP waste unions conforming 40mm dia to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc, complete	Each	8.00	80.00
79	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc, and running before concreting the slab The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipes ends should be covred using PVC end enclosures run with 18SWG GI fish wire wherever necessary 19/20mm dia 2mm thick(P No-2 ,I No-1 2 1 of PWD S R 2014-15)	Rmt	400.00	50.00
80	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipes ends should be covred using PVC end enclosures run with 18SWG GI fish wire wherever necessary a)25mm dia 2 mm thick(P No-2 ,I No-1 2 2 of PWD S R 2014-15)	Rmt	400.00	57.00
81	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary 19/20mm dia 2mm thick (P No-2 ,I No-1 3.1 of PWD S R 2014-15)	Rmt	400.00	56.00
82	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25mm dia 2 mm metal/PVC junction boxes adhesive paste etc By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary a)25mm dia 2 mm thick (P No-2 ,I No-1 3 2 of PWD S R 2014-15)	Rmt	400.00	1.00
83	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 32mm dia 2 5mm metal/PVC junction boxes adhesive paste etc By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary 32mm dia 2 5 mm thick(P No-2 ,I No-1 3 3 of PWD S R 2014-15)	Rmt	30.00	88.00
84	Wiring for lighting power circuit using one of FRLS PVC insulated 1100v grade, multistrand Coppet conductor single core cable in open or concealed system of wiring with specified IS-694-1990 & conforming to GTP of (,I No-2 5 of PWD S R 2014-15 Group-A 1 0 Sqm	Rmt	500.00	16.00
85	1.5Sqm	Rmt	600.00	23.00

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86	2.5Sqm	Rmt	400.00	84.00
87	4.0Sqm	Rmt	800.00	50.00
88	10.0Sqm	Rmt	50.00	100.00
89	Point wiring using Copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit casing capping using 1100V Grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2x1.5 Sq mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose lenght in a wood/PVC round block complete for each outlet (5.2.8),I No-2.8 Pg No- 5of PWD S R 2014-15) Using class A materials Short point up to 3mtrs from tapping point to out let via switch	Each	20.00	160.00
90	Medium point a above 3mtr up to 6mtr from tapping point to out let via switch	Each	20.00	240.00
91	Long point a above 6mtr up to 10mtr from tapping point to out let via switch	Each	20.00	360.00
92	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve , indicator ON/OFF, energy cross-s with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC60898 5-32Amps DP 5-32Amps DP MCB (,I No-6.15.5 of PWD S R 2014-15)	Each	2.00	1050.00
93	5-32Amps SP MCB ,I No-6.15.1 of PWD S R 2014-15)	Each	15.00	525.00
94	32-40A FP ELMCB ,I No-6.17.3 of PWD S R 2014-15)	Each	2.00	8400.00
95	16-25A DP ELMCB ,I No-6.17.1 of PWD S R 2014-15)	Each	2.00	2400.00
96	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc, with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting Made out of 14 SWG MS enclosure,III-Single Door Group A12Way SP &N ,I No-6.16.18 of PWD S R 2014-15)	Nos	2.00	1100.00
97	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mounting using required clamps, bolts, nuts etc with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with power coated painting etc, complete Double door 6 way TP &N , Group (A),I No-6.16.15 of PWD S R 2014-15)	Nos	2.00	3000.00
98	Supply and fixing of bakelite D P /Socket/ switch with/without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 Group-A 32Amps Flush/projected types DP switch	Nos	35.00	220.00
99	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plateas per IS 3854 and IS 1293 Group "A" materials k) TV/Telephone socket (8/18),I No-9.1 of PWD S R 2014-15)	Nos	160.00	100.00
100	Supply patti type fluorescent tube light fitting of 4'- 28 watts fluorescent tube fitting, made out of M S sheet and stove enameled with HF Electronic Ballast,locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 Volts A C Supply including T5 lamp Group - A(Page No - 21,I No-4.11.1 of PWD S R 2014-15)	Nos	60.00	700.00
101	Supplying of recessed/surface mount aesthetic 2'x2' modular luminaries made out of single piece powder coated CRCA sheet steel accommodating all electrical accessories like Energy Saving Electronic Ballast suitable to operate on 230V 50Hz AC supply with 2x36Watts PLL-compact fluorescent lamp, pre-wired up to terminal block with bright anodized aluminum reflector & P5 paralite louvers with spring loaded plastic toggles complete 2x36 Watts Group - A(Page No - 114, I No-17.7.1 of PWD S R 2014-15)	Nos	40.00	8750.00

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102	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved 48" Sweep (1400mm) a Regular model (23/24)(Page No - 11, I No-32 of PWD S R 2014-15)	Nos	30.00	2500.00
103	Supply and fixing metal fan box with round hook(Page No - 115, I No-17.9 of PWD S R 2014-15)	Nos	30.00	72.00
104	6 Amps SP Switch (I No-3.7.1 of PWD S R 2014-15)	Nos	240.00	68.00
105	6 Amps 3way 5 pin socket (I No-3.7.3 of PWD S R 2014-15)	Nos	80.00	117.00
106	16 Amps SP Switch (I No-3.7.7 of PWD S R 2014-15)	Nos	10.00	117.00
107	16Amps 3way 5 pin Socket (I No-3.7.10 of PWD S R 2014-15)	Nos	15.00	157.00
108	32Amps Flush/projected types DP switch (I No-3.7.9 of PWD S R 2014-15)	Nos	10.00	164.00
109	Supplying and flush mounting powder coated metal / galvanised metal box suitable for mounting modular switch plates The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall (15/3.5)(I No-3.5of PWD S R 2014-15) 1-3Way(I No-3.5.1of PWD S R 2014-15)	Each	80.00	100.00
110	4-5Way (I No-3.5.2of PWD S R 2014-15)	Each	10.00	120.00
111	6Way (I No-3.5.3of PWD S R 2014-15)	Each	20.00	140.00
112	8Way (I No-3.5.4of PWD S R 2014-15)	Each	4.00	170.00
113	10-12Way (I No-3.5.5of PWD S R 2014-15)	Each	4.00	190.00
114	16Way (I No-3.5.6of PWD S R 2014-15)	Each	6.00	210.00
115	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos of machine screws, bolts nuts etc., complete on the existing metal/PVC box (15/16/3.6) (I No-3.6of PWD S R 2014-15) 1 to 3 Module (I No-3.6.1of PWD S R 2014-15)	Each	40.00	100.00
116	1Moudule (I No-3.6.2 of PWD S R 2014-15)	Each	10.00	120.00
117	6Moudule (I No-3.6.3 of PWD S R 2014-15)	Each	20.00	140.00
118	8Moudule (I No-3.6.4 of PWD S R 2014-15)	Each	4.00	190.00
119	10Moudule (I No-3.6.5 of PWD S R 2014-15)	Each	4.00	240.00
120	12Moudule (I No-3.6.6 of PWD S R 2014-15)	Each	12.00	260.00
121	19/20mm junction box(I No-1.5.1of PWD S R 2014-15)	Each	1000.00	35.00
122	Supplying and fixing of class A (medium duty)GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arraingements for UG cable of 1.1KV class 40mm(I No-7.1 of PWD S R 2014-15)	Rmt	70.00	292.00
123	Spplying, fixing ,wiring, earth electrode for grounding conduits, I C cutouts and other equipments on the meter board using 40mm dia 2.9mm thick GI pipe 2.5 mtr long burried in a pit the pit should be filled with equal proportion of salt and charcoal 150mm altround the pipe to complete depth The connectionh from the pipe to the conduit etc, is to be established through GI wire of size as per ISI Specification 7.3.8 of IS 732 using 12mm dia bolts, nuts,wahers anfd check nuts etc,the pipe shall have 16 through hole of 122 mm dia(68/1)(I No-7.22.3 of PWD S R 2014-15)	Nos	4.00	3000.00
124	Suppling and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps,nails,guttas/spacers GI Wire c) 8SWG(I No-8.1of PWD S R 2014-15)	Rmt	180.00	24.00
125	Supplying tinned copper lugs crimping and wiring to terminal point for wire of the following sizes 2.5sqmm (Page No. 70, I No-7.21.8of PWD S R 2014-15)	Nos	110.00	4.55
126	Supplying tinned copper lugs crimping and wiring to terminal point for wire of the following sizes -35Sqmm Long Barrel(Page No. 66, I No-12of PWD S R 2014-15)	Nos	8.00	38.00

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147	Supplying surface mounted type mirror optic luminaries for single/Twin 65watts fluorescent lamps cross rising of stove enameled deep coloured M.S low profile housing complete with all accessories and high purity anodized aluminum reflector assembling along with cross louvers including necessary fluorescent tubes with Energy Saving Electronic Ballast. (41 & 9) I No-4.9of PWD S.R 2014-15(2x4-65 Watts	Each	60.00	1500.00
148	2x4-65 Watts	Each	10.00	1600.00
149	Supply box type suitable for 20W T5 single/twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp holder & main connectores. Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enamelled whith end caps made of engineering plastic. (80 & 7) I No-4.7 of PWD S.R 2014-15)	Each	15.00	800.00
150	Supplying CFL mirror light fitting with 2x11W CFL lamp, choke, Perspex cover and completely wired for use on 230V, 50Hz AC. (25 & 25) I No-4.25 of PWD S.R 2014-15)	Each	40.00	700.00

CONTRACTOR

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